● PRINTER RUSH ●
(PTO ASSISTANCE)

Application :	09857029	**Examiner :**	Kading	**GAU :**	2661
From:	EWC	**Location:**	(IDC) FMF FDC	**Date:**	8-12-05

Tracking #: epm09/857029 Week Date: 5-16-05

DOC CODE	DOC DATE	MISCELLANEOUS
☐ 1449		☐ Continuing Data
☐ IDS		☐ Foreign Priority
☒ CLM	4-21-05	☐ Document Legibility
☐ IIFW		☐ Fees
☐ SRFW		☐ Other
☐ DRW		
☐ OATH		
☐ 312		
☐ SPEC		

[RUSH] **MESSAGE:**

In claim amendment 4-21-05, claims 1 and 6 have blurry text.

Thank you

[XRUSH] **RESPONSE:**

8-29-05 completed

INITIALS: [illegible]

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A ~~process~~ method for configuring a network termination unit for asynchronous packet ATM (Asynchronous Transfer Mode) transmission of data, said method comprising the steps of:

dividing the data ~~divided~~ into data cells; ~~and~~

assembling the data cells ~~assembled~~ into packets;

transmitting the packets ~~being transmitted~~ either at a constant data rate CBR or at a non-constant data rate UBR, wherein the data cells of packets ~~being~~ are received and sent over the network termination unit[[,]] which represents an interface between a transmission line and a data end device[[,]];

determining ~~wherein~~ the number of the data cells in each sent or received data packet ~~is determined~~ in the network termination unit, and it is determined therefrom whether an ATM connection with constant CBR or non-constant UBR data rate is present, the data packets of a CBR connection being processed with a higher priority than the data packets of the UBR connection;

determining a class of data connection, wherein adaptation layers with different packet lengths are defined for the transmission of the data packets, ~~where the network termination unit determines a kind of data connection,~~ wherein, on determination of a data packet which contains more than a predefined number of cells, said predefined number being at least two, a UBR packet is detected, and in all other cases a CBR data packet is detected, and the ATM connection is correspondingly classified as a UBR or a CBR connection.

2. (Cancelled)

3. (Currently Amended) The ~~process~~ method according to claim 1, wherein at the beginning of transmission, a CBR connection is always assumed as the initial value.

4. (Currently Amended) The ~~process~~ method according to claim 1, wherein the presence of a UBR or CBR connection is determined only after the determination of the number of data cells in each of a plurality of data packets.

5. (Currently Amended) The ~~process~~ method according to claim 1, wherein, upon establishing a UBR connection, the network termination unit can optionally be set in the Early Packet Discard (EPD) mode.

6. (Currently Amended) The ~~process~~ method according to claim 1, wherein ~~the~~ data packets detected by the network termination unit as data packets of a UBR connection are fed to a first buffer and ~~the~~ data packets detected by ~~the~~ network termination unit as data packets of a CBR connection are fed to a second buffer.

7. (Cancelled)

8. (Currently Amended) A network termination unit for asynchronous packet ATM (Asynchronous Transfer Mode) transmission of data, said network termination unit comprising:

data processing circuitry operative to:

divide the data ~~divided~~ into data cells; ~~and~~

assemble the data cells ~~assembled~~ into packets; ~~being~~

transmit the packets ~~transmitted~~ either at a constant data rate CBR or at a non-constant data rate UBR, wherein the data cells of packets ~~being~~ are received and sent over the network termination unit which represents an interface between a transmission line and a data end device[[,]];

determine ~~wherein~~ the number of the data cells in each sent or received data packet ~~is determined in the network termination unit~~, and ~~it is determined~~ determine therefrom whether an ATM connection with constant CBR or non-constant UBR data rate is present, ~~the~~ wherein data packets of a CBR connection ~~being~~ are processed with a higher priority than ~~the~~ data packets of ~~the~~ a UBR connection; and,